

CLAIMS

I claim:

1 1. An automobile camera system for identifying intruders for
2 automobile theft and vandalism comprising:

3 at least one means for capturing images within a selected
4 field of view;

5 at least one sensor for detecting an activity of an intruder
6 within said selected field of view of at least one of said at least
7 one image capturing means;

8 said sensor being electrically configured to said capturing
9 means such that when the sensor detects activity of an intruder,
10 said capturing means is activated for obtaining images of the
11 intruder;

12 a power means for supplying power to said capturing means and
13 said sensor means; and

14 a processing means for processing a captured image data of the
15 sensed activity, said processing means further comprising a
16 transmission means for transmitting captured data to a remote
17 device, said processing means, said capturing means, said sensor
18 and said power means being electrically configured as an integrated
19 camera system.

1 2. The automobile camera system according to claim 1, wherein
2 said remote device is a computer network system.

1 3. The automobile camera system according to claim 2, wherein
2 said computer network system includes at least one internet server.

1 4. The automobile camera system according to claim 3, wherein
2 said computer network system includes at least one digital device,
3 and wireless data transmission and reception via said digital
4 device.

1 5. The automobile camera system according to claim 4, wherein
2 said digital device is a web-enabled PDA.

1 6. The automobile camera system according to claim 4, wherein
2 said digital device is a satellite for data communication.

1 7. An automobile camera system for identifying intruders
2 comprising, in combination with a vehicle having first, second and
3 third housing portions:

4 at least one means for capturing image and audio data within
5 a selected field of view;

6 a plurality of sensors for detecting the activity of an
7 intruder within the selected field of said data capturing means;
8 said sensors being electrically configured to said capturing means
9 such that when at least one of the sensors detect activity of an
10 intruder said capturing means is activated for obtaining images of
11 said at least one intruder;

a power means for supplying power to said at least one capturing means and said at least one sensor means;

a processing means for processing said captured data of the sensed activity, said processing means further comprising a transmission means for transmitting captured data to a remote device;

said at least one capturing means being housed within a first housing portion of the vehicle; and

said plurality of sensors being housed within a second and third housing portion of the vehicle.

8. The automobile camera system according to claim 7, wherein said processing and transmission means are housed within said second housing portion of the vehicle.

9. The automobile camera system according to claim 7, wherein said power means being housed within said third housing portion of the vehicle.

10. The automobile camera system according to claim 7, wherein said first housing portion is an interior cab portion of the vehicle.

11. The automobile camera system according to claim 7, wherein said second housing portion is an interior trunk portion of the vehicle.

1 12. The automobile camera system according to claim 7,
2 wherein said third housing portion is an interior hood portion of
3 the vehicle.

1 13. The automobile camera system according to claim 7,
2 wherein said remote device is a computer network system.

1 14. The automobile camera system according to claim 13,
2 wherein said computer network system includes at least one Internet
3 server.

1 15. The automobile camera system according to claim 13,
2 wherein said computer network system includes a digital device, and
3 wireless data transmission and reception via at said digital
4 device.

1 16. The automobile camera system according to claim 15,
2 wherein said digital device is a web-enabled PDA.

1 17. The automobile camera system according to claim 15,
2 wherein said digital device is a satellite for data
3 communication.

1 18. The automobile camera system according to claim 17,
2 wherein said data is positional data of the automobile.

1 19. The automobile camera system according to claim 7,
2 wherein said system is configured to transmit and receive original
3 captured data at a frequency range of from around 1 GHz. up to 2.4
4 GHz.

1 20. An automobile camera system for identifying intruders
2 comprising:

3 at least one means for capturing images within a selected
4 field of view at an original frequency range of around 1 GHz up to
5 2.4 GHz;

6 at least one sensor for detecting an activity of an intruder
7 within said selected field of view of said image capturing means;

8 said sensor being electrically configured to said image
9 capturing means such that when said sensor detects activity of an
10 intruder, said capturing means is activated for obtaining images of
11 the intruder;

12 a power means for supplying power to said image capturing
13 means and said sensor means;

14 a processing means for processing said captured image data of
15 the sensed activity, said processing means further comprising a
16 transmission means for transmitting captured data to a remote
17 device, said processing means, said image capturing means, said
18 sensor and said power means being electrically configured as a
19 single integrated camera system; and

20 wherein said system transmits and receive captured image data
21 within a frequency range of around 12 GHz. up to 18 GHz.